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150M HDMI Extender
User Manual

Introduction

- 150M HDMI Extender compresses video and audio data and transmits them to Ethernet. It can also decompress video and audio data from Ethernet and display them on a TV. Image engine in 150M HDMI Extender compresses video into MJPEG format and the support resolution of video can be up to 1920x1080 resolution. It decompresses MJPEG files and delivers video to a display. Comparing with other compression methods such as MPEG1/2/4 and H.264, MJPEG delivers very low latency bidirectional interactive mechanism which is the best solution for interactive applications. Lip sync mechanism also designed in the 150M HDMI Extender guarantees video and audio are in sync.
- 150M HDMI Extender has two IRs , one for receiver one for transmitter.

Specifications & Features:

- Enables 10.2Gbps of HDMI(including HDCP),and 150Mbps Ethernet inparallel over a single 150m/500ft LAN cable
- Full HD support : 1080p@30fps
- TX(Transmitter):A source-side implementation that is designed forDVDS,STBs and other HD source equipment
- RX(Receiver):A sink-side implementation that is designed for HDTVS,projectors and other display equipment
- Power Supply: Input AC 100-240V(50/60Hz); Output DC 5V 2A

Product Image

Transmitter

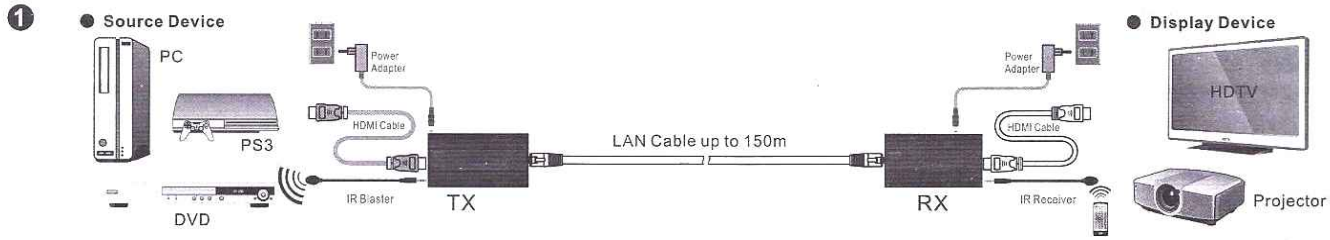
1. Power input
2. Power LED
3. HDMI input
4. LAN Output
5. Link LED
6. ACT LED
7. IR Blaster

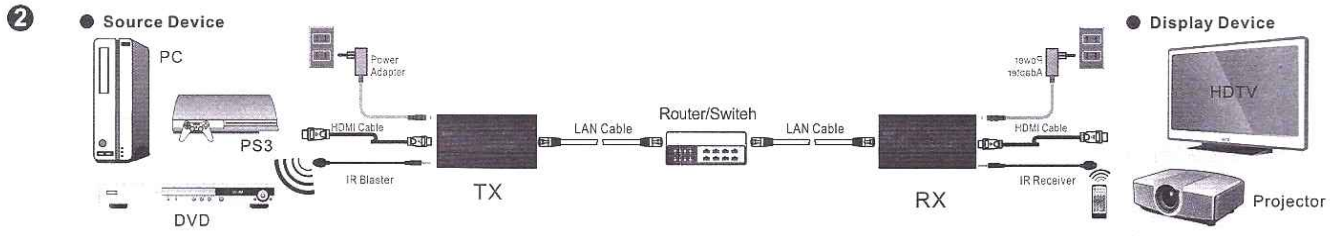
Receiver

1. Power input
2. Power LED
3. HDMI Output
4. LAN In
5. Link LED
6. ACT LED
7. IR Receiver

Notes:Restore the factory setting : Power on,press the button for 5 seconds and power on again,then restore factory setting is ok

Application





How to connect and use

Way 1 :

1.Connect the 5V2A power adapter to the product
2.Connect the Transmitter and Receiver with LAN cable to the LAN interface.
3.Connect the IR Blaster to TX and IR Receiver to RX
4.Transmitter is for connecting HD Source equipment such as DVD,PC,PS3 and so on; Receiver is for connecting HD display equipment such as HDTV, projector and so on.
5.When playing DVD, can use the DVD remote control toward the IR receiver to manipulate remote the DVD functions.

Way 2 :

1.Connect the 5V2A power adapter to the product
2.Connect the Transmitter and Receiver and router with LAN cables to the LAN interface.
3.Connect the IR Blaster to TX and IR Receiver to RX
4.Transmitter is for connecting HD Source equipment such as DVD,PC,PS3 and so on; Receiver is for connecting HD display equipment such as HDTV, projector and so on.
5.When playing DVD, can use the DVD remote control toward the IR receiver to manipulate remote the DVD functions.

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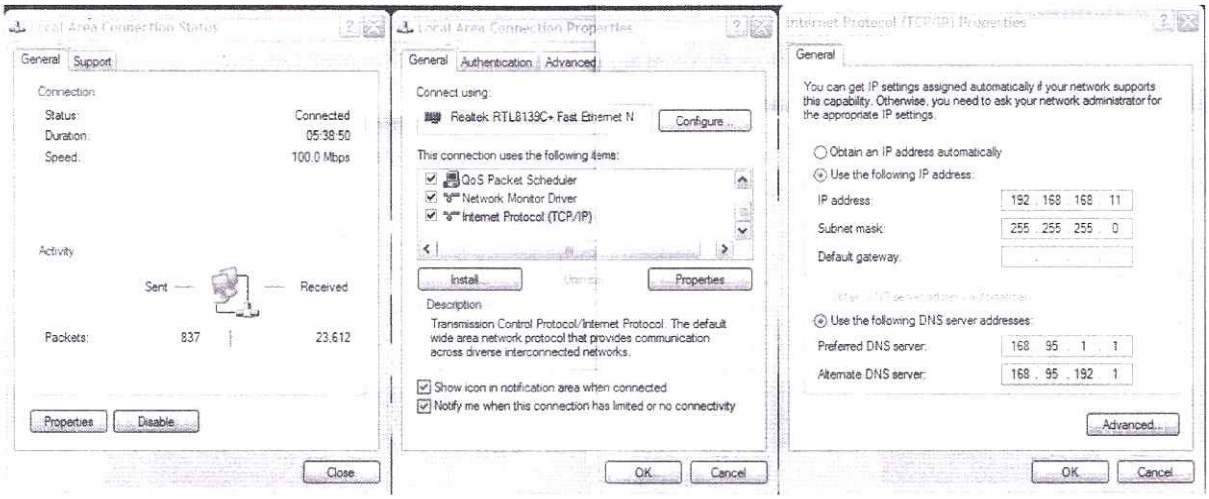
Attention:
The transmitter of IR Transmitter must aim to the infrared receiver of the DVD player.

Setup the TX or the RX address

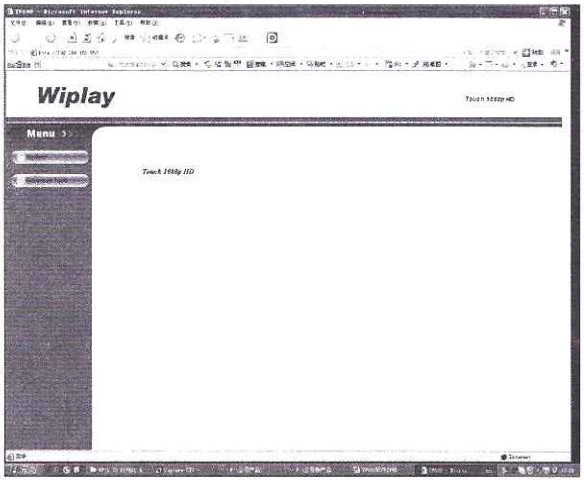
A HTTP server is embedded in each TX and RX. You can setup the via web browser. The default IP address of the TX is 192.168.168.55 and the RX is 192.168.168.56. The default IP address will not be changed no matter what you assign the device IP address. To upgrade the TX and RX, you should save the new firmware into your PC or laptop first.

Step 1: Assign the PC or laptop IP address through Control Panel, Network Connections, Local Area Connections Status, Properties, Internet Protocol (TCP/IP), Use the following IP address. Type the IP address field with 192.168.168.11 and Subnet mask with 255.255.255.0. After that press OK to save the configuration.

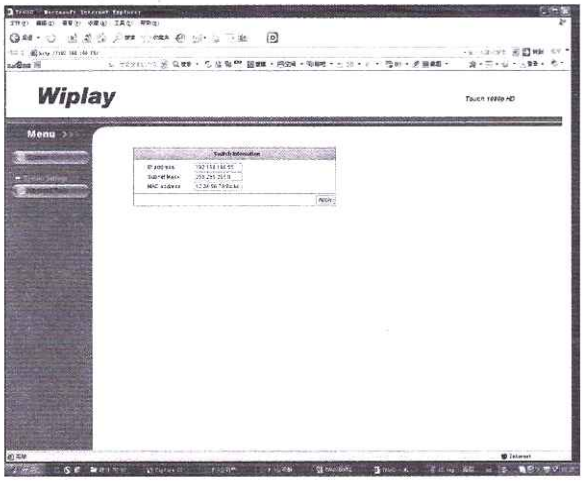


Step 2: Use an Ethernet Cable to connect the PC or laptop and the device, and power on.

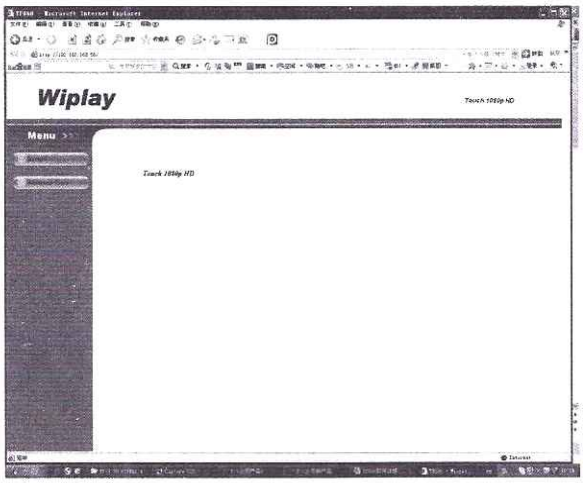
Step 3.1: For TX Open the web browser and type http://192.168.168.55/. You can get the Wiplay web.



Step 3.2: Click "System" button, "System Settings", and you can setup IP address, subnet mask, MAC address in this page. Setup your Switch Information, click "Apply", It's OK.



Step 4.1: For RX Open the web browser and type http://192.168.168.56/. You can get the Wiplay web.



Step 4.2: Click "System" button, "System Settings", and you can setup IP address, subnet mask, MAC address in this page. Setup your Switch Information, click "Apply", It's OK.